

X-RAY SOURCE AND SYSTEM HAVING CATHODE WITH CURVED EMISSION SURFACE

ABSTRACT OF THE DISCLOSURE

An X-ray source comprises a cold cathode and an anode. The cold cathode has a curved emission surface capable of emitting electrons. The anode is spaced apart from the cathode. The anode is capable of emitting X-rays in response to being bombarded with electrons emitted from the curved emission surface of the cathode.